

## Geometry 9.1 Assignment Answer Bank

### Similar right triangles

Make sure to show all appropriate work

The answer bank doesn't include the units.

Make sure you do!

2	46.48
$2\sqrt{6}$	62.5
4	$\angle ABC \cong \angle CBD \cong \angle ACD$
6	$\triangle ABC \sim \triangle CBD \sim \triangle ACD$
$\pm 9$	$\angle ACB \cong \angle ADC \cong \angle CDB$
9	$\angle ADF \cong \angle FDC \cong \angle CDE \cong \angle EDB$
$\frac{25}{4}$	$\angle BAC \cong \angle BCD \cong \angle CAD$
29.39	C
31.5	If the corresponding angles are congruent, then the triangles are congruent.
36	
37.95	2 Trues 2 false